



Crops & Weather

National Agricultural Statistics Service

Iowa Field Office

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In Cooperation with the Iowa Department of Agriculture and Land Stewardship

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For the week ending November 20, 2011

Another mostly dry week helped farmers near completion on fertilizer applications and tillage. Tiling is still underway in some areas, but many farmers are putting away their heavy machinery and completing cleanup projects they may not have had a chance to do in other colder or wetter years.

There were 6.5 days suitable for fieldwork statewide during the past week. Topsoil moisture levels fell to 33 percent very short, 32 percent short, 34 adequate, and 1 percent surplus. Subsoil moisture rated 35 percent very short, 37 percent short, 28 percent adequate and 0 percent surplus. Moisture levels are a concern in much of Iowa as farmers contemplate starting the 2012 crop season with low moisture levels in the soil. Currently northwest and west central Iowa report half or more of their area very short on topsoil and subsoil moisture. The last time topsoil moisture level ratings were this short for the State in the third week of November was 1999 when 67 percent was rated very short.

With harvest virtually complete, grain movement continues to fall, with just 21 percent of the State seeing moderate to heavy grain movement from farm to elevator. As harvest closes, 89 percent of the State reports adequate or surplus off-farm storage capacity and 84 percent of the State reports adequate or surplus on-farm storage capacity.

Hay supplies are considered adequate to surplus across 79 percent of Iowa with only 10 percent considered to be in poor condition—identical to the previous week. Livestock conditions are normal. Few health problems have been reported.

Grain Storage Availability as of November 20, 2011

Item	Short	Adequate	Surplus
	(Percent)	(Percent)	(Percent)
On-farm, grain storage .....	16	79	5
Off-farm, grain storage .....	11	81	8

Post-Harvest Conditions as of November 20, 2011

Item	None	Light	Moderate	Heavy
	(Percent)	(Percent)	(Percent)	(Percent)
Grain movement .....	44	35	16	5

Hay/Roughage Availability as of November 20, 2011

Item	Short	Adequate	Surplus
	(Percent)	(Percent)	(Percent)
Hay/Roughage .....	21	69	10

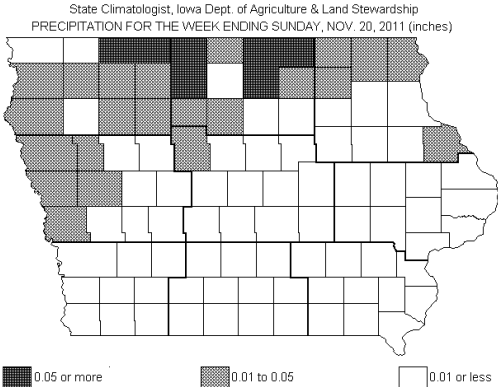
Days Suitable & Soil Moisture Condition as of November 20, 2011

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)
Days suitable .....	6.6	6.3	6.2	6.6	6.6	6.7	6.3	6.4	6.7	6.5	5.2	4.2
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Topsoil moisture												
Very short .....	72	34	14	57	28	2	13	23	31	33	30	2
Short .....	22	35	33	34	35	35	31	37	31	32	31	14
Adequate .....	6	29	51	9	37	63	53	37	38	34	37	75
Surplus .....	0	2	2	0	0	0	3	3	0	1	2	9
Subsoil moisture												
Very short .....	60	32	19	50	41	5	17	36	33	35	32	3
Short .....	32	36	30	40	34	42	39	38	50	37	38	11
Adequate .....	8	32	49	10	25	53	44	26	17	28	29	79
Surplus .....	0	0	2	0	0	0	0	0	0	0	1	7

IOWA PRELIMINARY WEATHER SUMMARY

Provided by Harry Hillaker, State Climatologist

Dry weather returned this past week with the only measurable precipitation confined to the northern one-third of Iowa on Saturday (19<sup>th</sup>). The weekend precipitation came in the form of light freezing drizzle and snow over the northwest and light rain and sprinkles over the north central and northeast counties. Spirit Lake reported the greatest precipitation with 0.11 inch. The statewide average precipitation was only 0.01 inch while normal for the week is 0.51 inch. Temperatures took a roller coaster ride this week. High temperatures were in the low to mid 50s northwest to mid 60s southeast on Monday and Tuesday but were only in the 40s on Wednesday with mid 30s northeast to low 50s west on Thursday. Friday brought highs mostly in the 50s while on Saturday highs were only in the upper 20s northwest while climbing to the mid 60s southeast. Sunday saw highs mostly in the 30s. Keokuk recorded the week’s highest temperatures with 68 degrees on Tuesday and 66 degrees on Saturday. The season’s first single-digit reading was reported at Sibley with 9 degrees on Wednesday with still lower temperatures on Thursday (2 at Sheldon) and on Sunday (1 degree at Sheldon). Temperatures for the week as a whole averaged from one degree below normal northwest to 3 degrees above normal over the southeast. The statewide average temperature was 2.0 degrees above normal. Finally, soil temperatures have cooled substantially with readings on Sunday ranging from the low 30s northwest to low 40s southeast.



Hay/Roughage Quality as of November 20, 2011

Item	Poor	Fair	Good
	(Percent)	(Percent)	(Percent)
Hay/Roughage .....	10	42	48

Weather Summary For National Agricultural Statistics Service, Iowa Field Office. For the week ending: 7:00 am Sunday, November 20, 2011, Prepared by AWIS, Inc.

STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
	North West District									
Estherville .....	54	7	33	1	0.01	-0.27	19.05	-4.48	0	0
Sioux Center .....	55	5	33	-1	0.00	-0.28	17.26	-5.68	0	0
Spencer .....	55	8	33	1	0.01	-0.25	21.98	-2.39	0	0
Spirit Lake .....	53	10	32	1	0.11	-0.17	23.49	0.36	0	0
North Central District										
Britt .....	56	11	35	0	0.00	-0.35	20.88	-4.73	0	0
Dakota City .....	56	12	35	0	0.00	-0.31	20.58	-5.62	0	0
Mason City .....	58	12	36	4	0.05	-0.30	16.35	-10.93	0	0
Osage .....	57	12	36	3	0.07	-0.30	24.44	-3.68	0	0
North East District										
Decorah .....	58	14	37	2	0.03	-0.37	24.08	-2.77	0	0
Dubuque .....	60	19	40	5	0.00	-0.66	36.97	6.93	0	0
Elkader .....	59	17	37	2	0.00	-0.49	26.29	-0.66	0	0
Fayette .....	60	15	37	3	0.00	-0.42	30.56	2.43	0	0
Waterloo .....	60	17	40	5	0.00	-0.42	23.53	-4.14	0	0
West Central District										
Carroll .....	58	15	37	3	0.00	-0.35	20.16	-7.54	0	0
Castana .....	55	14	37	0	0.02	-0.26	22.09	-2.94	0	0
Guthrie Center .....	59	12	38	2	0.00	-0.41	26.81	-0.98	0	0
Harlan .....	57	16	38	1	0.00	-0.35	28.96	1.44	0	0
Jefferson .....	58	15	37	4	0.00	-0.35	19.50	-8.20	0	0
Logan .....	59	14	37	0	0.00	-0.29	27.61	1.66	0	0
Rockwell City .....	56	14	35	-1	0.00	-0.28	19.02	-7.66	0	0
Sac City .....	54	9	33	-2	0.00	-0.29	17.91	-8.41	0	0
Sioux City .....	57	10	36	1	0.01	-0.23	20.02	-1.54	0	0
Central District										
Boone .....	59	15	38	3	0.00	-0.42	26.21	-2.17	0	0
Des Moines .....	62	21	44	6	0.00	-0.42	30.78	3.90	0	0
Grundy Center .....	59	18	39	5	0.00	-0.42	27.42	0.09	0	0
Marshalltown .....	60	16	41	6	0.00	-0.42	23.44	-4.91	0	0
Newton .....	61	20	41	4	0.00	-0.43	22.95	-4.80	0	0
Perry .....	59	15	39	4	0.01	-0.34	29.35	2.64	0	0
Toledo .....	60	18	40	5	0.00	-0.42	19.63	-8.95	0	0
East Central District										
Cedar Rapids .....	61	16	41	4	0.00	-0.49	23.64	-3.50	0	0
Davenport .....	67	20	42	4	0.00	-0.49	25.82	-1.11	0	0
Iowa City .....	63	19	42	3	0.00	-0.49	27.58	-2.20	0	0
Lowden .....	64	16	39	3	0.00	-0.63	27.15	-3.20	0	0
Maquoketa .....	63	17	39	4	0.00	-0.56	27.82	0.01	0	0
Muscatine .....	66	20	42	3	0.00	-0.56	26.46	-1.92	3	3
South West District										
Atlantic .....	60	11	39	4	0.00	-0.34	24.81	-1.29	0	0
Clarinda .....	60	19	40	3	0.00	-0.44	33.38	2.80	0	0
Glenwood .....	58	19	40	2	0.00	-0.35	30.84	3.34	0	0
Red Oak .....	60	19	41	3	0.00	-0.42	30.14	0.41	0	0
Sidney .....	60	20	42	4	0.00	-0.41	20.90	-7.82	1	1
South Central District										
Allerton .....	63	17	41	4	0.00	-0.49	27.95	-1.83	0	0
Beaconsfield .....	60	18	40	3	0.00	-0.46	30.14	1.57	0	0
Chariton .....	62	13	39	2	0.00	-0.49	31.09	0.76	0	0
Indianola .....	62	14	40	3	0.00	-0.42	34.93	6.92	0	0
Leon .....	64	13	41	3	0.00	-0.48	29.51	-0.06	0	0
South East District										
Bloomfield .....	64	21	43	3	0.00	-0.51	35.41	5.32	0	0
Burlington .....	71	23	46	6	0.00	-0.56	28.51	0.41	5	5
Ottumwa .....	64	19	43	5	0.00	-0.53	26.70	-1.16	0	0
Washington .....	64	20	41	2	0.00	-0.49	26.32	-0.84	0	0

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2011: AWIS, Inc. All Rights Reserved.